

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **61-165311**  
(43)Date of publication of application : **26.07.1986**

---

(51)Int.CI. **A61K 7/06**

---

(21)Application number : **60-004264** (71)Applicant : **KINJI TAKEO**  
(22)Date of filing : **14.01.1985** (72)Inventor : **KINJI TAKEO**

---

## **(54) HAIR TONIC COSMETIC**

### **(57)Abstract:**

**PURPOSE:** A hair tonic cosmetic that contains minoxidil and thyroid hormone as active ingredients, thus showing excellent hair tonic effect better than when it is used separately to hair roots, and being most suitable as a hair lotion for developing its action without side-effects such as skin eruption and rubefaction.

**CONSTITUTION:** Minoxidil (2,4-diamino-6-piperidinopyridine-3-oxide), which has been used as a hypotensor and thyroid hormone are added to cosmetic bases as hair tonic components. Both active ingredients are soluble in alcohol and water and allowed to dissolve in these solvents, combined with perfumes, humectants, freshing agent and scalp stimulant by 1W10mg minoxidil, 0.025W10g thyroid hormone in 1l of the solution. Then, the resultant hair tonic is applied to hair roots. It can be used as a hair-dressing agent such as hair cream or pomade.

---

### **LEGAL STATUS**

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office